



D-1-5, Kelisa Apartment, Taman Inderawasih, Pulau Pinang 13600



+60177605376, WhatsApp- +918072136887



jeya254@gmail.com



www.linkedin.com/in/jeyalakshmi-ramamoorthy-aba86b82/

Jeyalakshmi R

Senior Software Engineer

Profile:

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills. Secure a responsible career opportunity to fully utilize my training and skills, while contributing significantly to the company's success. To make use of my interpersonal skills to achieve the goals of a company that focuses on customer satisfaction and customer experience.

General Expertise:

- **Databases** - SQL Server, My SQL, InfluxDB, and MongoDB
- **Cloud DB** – Firebase, AWS
- **Languages** – C# (Oops), ASP.Net, Javascript, jQuery
- **JavaScript Libraries** – React.js, Node.js
- **Architecture** – Redux, Monolithic, Microservice.
- **Communication Protocols** – MQTT, WebSocket, and Telegraf
- **Mobile Applications** – React Native

Education:

Completed Bachelor of Computer Engineering at Sethu Institute of Technology, Virudhunagar, India in 2013 with an aggregate of 90%.

Senior Software Engineer Kimball Electronics India Pvt Ltd Feb 2020 to Til

- Leading IIOT4.0 project for Server and Web Page
 - DRI for Factory digitalization project in Japan and successfully completed in April 2021 and currently working on international projects.
 - Managing upcoming IIOT 4.0 projects
 - Responsible for customer demos and Proof of concepts
 - In-charge of Floor Map designer Feature
 - Server-related Task estimation and delivery
 - Project Architect for Server and IIOT data flow under ISA88 standard
 - Working closely with the Software Testing team on both White box and Black box testing
- Lead team in the development of industrial 4.0 software
- Coordinate with the Global factories Team related to DFM discussion, and IIOT-related requirements.
- Coordinate with customer business analysts or Product owners to clarify the concept, design, and release packages.
- Responsible for Server SAT, Server Design Documentation, and Server Program specification Documents under CSV and GAMP standard
- Collaborating closely with team members, Customers, and Management to address the project status
- Configured new VM setup in local testing server same as production without external support.

Projects handled:

Factory Digitalization for Pharma Industry IIOT 4.0

- *Domain – Medical and controlled by the government.*
- *Regenerative medicines with stem cells*
- *Monitoring 120+ machines & 5 parameters with each machine in one-minute interval*
- *24/7 monitoring data using MQTT.*
- *Focusing the Data Security, avoiding Network traffic and balancing a heavy load of data*
- *Project consists of MQTT VerneMQ, NGINX server, Redis Server, Protocol converters, C#, API server, PLC, IPC, InfluxDB, and Telegraf*

Additional Information:

Languages:

Tamil - ●●●●●●

English - ●●●●●●

Malayalam, Kannada - ●●○○○○

Personal Details:

Father's name : Ramamoorthy

DOB : 25/04/1992

Marital Status : Married

Nationality : Indian

Gender : Female

Awards & Recognitions:

- "Star of the month" award from Kimball Electronics in Mar 2020
- "Consider it Done" award from Kimball Electronics in August 2022
- First Level Interviewer of Kimball Electronics

Certificates:

- "First class with distinction" in Junior Type Writing English.

- Digitalizing the entire pharma factory in Japan. Collecting data from field devices using PLC/via FL-Net module. Sending the collected data to C#, From C# to telegraf, and VerneMQ. Telegram sends data to the historian server and verneMQ sends data to the API server.
- Implemented Floor Map Designer feature.

- Roles - Sizing, Planning, Implementation, Dev Testing, and Deployment
- Technologies - React.js (Redux), Node.js, MySQL, Influx DB, VerneMQ and Telegraf
- Protocols – MQTT, Socket Communication
- Architecture – Redux, Monolithic and Microservice
- End User – Japan.

IIOT 4.0 for EMS Automobile Industry

- *Project consists of multiple machines and PLCs with different protocols.*
- Collection of Bulk data from machines and represent it in Customized Web UI with the feature of historian storage for 6 years. All Data collection will be stored separately in a format to use for MLDL for AI Prediction.

- Roles - Sizing, Planning, Implementation, Dev Testing, and Deployment
- Technologies - React.js (Redux), Node.js, MySQL, Influx DB, MongoDB, and Telegraf
- Architecture – Redux, Microservice
- Protocols – MQTT, Socket Communication
- End User –Thailand, China, and Mexico

Company Location: Thiruvananthapuram, INDIA

Senior Software Engineer	RMESI	July 2015 to July 2019
--------------------------	-------	------------------------

- React for frontend, .Net for backend to online marking application.
 - Programming for automation testing
- Installation and commissioning at the customer Site
- Handling proper agile methodology.
- Leading junior employees for development.
- Working as an active scrum master based on the lead's availability.
- Presenting Demo to customers
- Visiting London for onsite support two times.
- Working as a code reviewer.
- Supporting build deployment
- Leading New Product launches

Projects handled:

Mark and validate the exam papers in online.

- *Project consists of Practice and Live marking, Team management, and Admin handling.*
- Marking and validating the student's paper online. Here the scripts, which are written by students, are scanned, and uploaded into databases and shared folders on our server. Those scripts, which are uploaded to the server, are accessed by our application, and start marking using our application by placing annotations and adding marks. After validation, marks are published.
- Sub Tools are
 - SAAD
 - Image Processing (Auto zoning and Auto Marking)

Company Location: Thiruvananthapuram, INDIA

Software Developer

UFours IT Solutions

Sep 2013 to July 2015

- Developing windows applications
- Communicating with direct clients and discussing project requirements.
- Managing the project as a person.
- Dev Testing and deployment to the production site.
- Working on multiple projects simultaneously

Projects handled:

Job assigning and Employee worktime tracking tool.

- *Project consists of Job, Job assigning, Idle time, Working time, and screenshots.*
- It is for working employees. Assign the recursive and non-recursive jobs to multiple employees at a time. Tracking the employee's working hours, and idle hours and taking screenshots of the systems at the config time.

Company Location: Madurai, INDIA